

AMENDMENTS TO THE CLAIMS

1. (Original) A portable cellular phone provided with a character recognition function comprising:

an image capturing means for capturing a character string; a character recognizing means for recognizing the character string captured from said image capturing means; and

a character string storage means for storing information about feature character strings, and

wherein when the captured character string has been incorrectly recognized, said character recognizing means corrects the incorrectly recognized character string, based on said information about feature character strings read from said character string storage means.

2. (Original) The portable cellular phone provided with a character recognizing function according to claim 1, wherein when at least one misread or unreadable character is included in the captured character string, said character recognizing means corrects the incorrectly recognized character string, based on said information about feature character strings read from said character string storage means.

3. (Original) The portable cellular phone provided with a character recognition function according to claim 2, wherein said character recognizing means comprises:

a character recognizing section for recognizing each of characters making up the character string captured from said image capturing means,

a data referencing section for comparing a part of the character string recognized incorrectly as a whole in said character recognizing section with said information about feature character strings stored in said character string storage means, and

a data correcting section for correcting the incorrectly recognized character string, such that a form of the incorrectly recognized character string may match up with that of any one of said feature character strings based on the result of comparison obtained by the processing of said data referencing section.

4. (Original) The portable cellular phone provided with a character recognition function according to claim 2, wherein said character recognizing means comprises:

a character recognizing section for recognizing each of characters making up the character string captured from said image capturing means,

a data referencing section for comparing a part of the character string incorrectly recognized as a whole, wherein at least one misread or unreadable character is included, in said character recognizing section with said information about feature character strings stored in said character string storage means, and

a data correcting section for correcting the misread or unreadable character, so as to match up with a form of any one of said feature character strings based on the result of comparison obtained by the processing of said data referencing section.

5. (Original) The portable cellular phone provided with a character recognition function according to any one of claims 1 to 4, wherein said information about feature character string includes at least any one of information about a URL (Uniform Resource Locator), a phone number, and a mail address.

6. (Original) A method for correcting an incorrectly recognized character string, used in a portable cellular phone provided with a character recognition function, said method comprising:

an image capturing step of capturing a character string from an image capturing means; and

a data recognizing/correcting step of recognizing the character string captured from said image capturing means, and when the captured character string has been incorrectly recognized, correcting the incorrectly recognized character string, based on information about feature character strings.

7. (Original) The method for correcting an incorrectly recognized character, according to claim 6,

wherein in said data recognizing/correcting step, when at least one misread or unreadable character is included in the recognized character string, correcting the incorrectly recognized character string, based on information about feature character strings.

8. (Currently Amended) The method for correcting an incorrectly recognized character, according to claim 7, wherein said data recognizing/correcting step includes steps of:

a first step of recognizing for recognizing each of characters making up the character string captured from said image capturing means;

a second step of comparing a part of the character string recognized incorrectly as a whole in said first step with said information about said feature character strings;

a third step of for correcting the incorrectly recognized character string, such that [[the]] a form of the incorrectly recognized character string may match up with that of any one of said feature character strings based on the result of comparison obtained in said second step; and

a fourth step of displaying the corrected character string in said third step.

9. (Original) The method for correcting an incorrectly recognized character, according to claim 7, wherein said data recognizing/correcting step includes steps of:

a first step of recognizing for recognizing each of characters making up the character string captured from said image capturing means;

a second step of comparing a part of the character string recognized incorrectly as a whole, wherein at least one misread or unreadable character is included, in said first step with said information about said feature character strings;

a third step of for correcting the misread or unreadable character, so as to match up with a form of any one of said feature character strings based on the result of comparison obtained in said second step; and

a fourth step of displaying the corrected character in said third step.

10. (Original) The method for correcting an incorrectly recognized character, according to any one of claims 6 to 9, wherein said information about feature character string includes at least any one of information about a URL (Uniform Resource Locator), a phone number, and a mail address.

11. (Original) A program for causing a computer to execute a method for correcting an incorrectly recognized character string, used in a portable cellular phone provided with a character recognition function, said method comprising;

an image capturing step of capturing a character string from an image capturing means; and

a data recognizing/correcting step of recognizing the character string captured from said image capturing means, and when the captured character string has been incorrectly recognized, correcting the incorrectly recognized character string, based on information about feature character strings.

12. (Original) The program for causing a computer to execute the method for correcting an incorrectly recognized character, according to claim 11, wherein said data recognizing/correcting step includes:

a first step of recognizing for recognizing each of characters making up the character string captured from said image capturing means;

a second step of comparing a part of the character string recognized incorrectly as a whole in said first step with said information about said feature character strings;

a third step of for correcting the incorrectly recognized character string, such that the a form of the incorrectly recognized character string may match

up with that of any one of said feature character strings based on the result of comparison obtained in said second step; and

a fourth step of displaying the corrected character string in said third step.

13. (Original) The program for causing a computer to execute the method for correcting an incorrectly recognized character, according to claim 11, wherein said data recognizing/correcting step includes:

a first step of recognizing for recognizing each of characters making up the character string captured from said image capturing means;

a second step of comparing a part of the character string recognized incorrectly as a whole, wherein at least one misread or unreadable character is included, in said first step with said information about said feature character strings;

a third step of for correcting the misread or unreadable character, so as to match up with a form of any one of said feature character strings based on the result of comparison obtained in said second step; and

a fourth step of displaying the corrected character in said third step.

14. (Original) The program for causing a computer to execute the method for correcting an incorrectly recognized character, according to any one of claims 11 to 13, wherein said information about feature character string includes at least any one of information about a URL (Uniform Resource Locator), a phone number, and a mail address.

15. (Original) A portable cellular phone provided with a character recognition function comprising:

- an image capturing device for capturing a character string;
- a character recognizing device for recognizing the character string captured from said image capturing device; and
- a character string storage device for storing information about feature character strings, and

wherein when the captured character string has been incorrectly recognized, said character recognizing device corrects the incorrectly recognized character string, based on said information about feature character strings read from said character string storage device.

16. (Original) The portable cellular phone provided with a character recognizing function according to claim 15, wherein when at least one misread or unreadable character is included in the captured character string, said character recognizing device corrects the incorrectly recognized character string, based on said information about feature character strings read from said character string storage device.

17. (Original) The portable cellular phone provided with a character recognition function according to claim 16, wherein said character recognizing device comprises:

- a character recognizing section for recognizing each of characters making up the character string captured from said image capturing device,

a data referencing section for comparing a part of the character string recognized incorrectly as a whole in said character recognizing section with said information about feature character strings stored in said character string storage device, and

a data correcting section for correcting the incorrectly recognized character string, such that a form of the incorrectly recognized character string may match up with that of any one of said feature character strings based on the result of comparison obtained by the processing of said data referencing section.

18. (Original) The portable cellular phone provided with a character recognition function according to claim 16, wherein said character recognizing device comprises:

a character recognizing section for recognizing each of characters making up the character string captured from said image capturing device,

a data referencing section for comparing a part of the character string incorrectly recognized as a whole, wherein at least one misread or unreadable character is included, in said character recognizing section with said information about feature character strings stored in said character string storage device, and

a data correcting section for correcting the misread or unreadable character, so as to match up with a form of any one of said feature character strings based on the result of comparison obtained by the processing of said data referencing section.

19. (Original) The portable cellular phone provided with a character recognition function according to any one of claims 15 to 18, wherein said

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information about feature character string includes at least any one of information about a URL (Uniform Resource Locator), a phone number, and a mail address.